



Philadelphia University

Faculty of Engineering and Technology

Department of Architecture

Second Semester 2021/2022

Course Details:

Title:	Landscape Design (0660332)			
Prerequisite:	Town Planning (0660331)			
Credit Hours:	3 credit hours (16 weeks per semester, approximately 48 contact hours)			
Course Logistics	1 st semester, Mon and Wed (8:15-10:15)			
Textbook:	Booth, N. (1990). Basic Elements of Landscape Architectural Design. Illinois: Waveland Press Inc.			
References:	<ul style="list-style-type: none"> • Archiworld (2005). Environment and Landscape (Vol. 1, 2, 3, 4 and 5). Archiworld Publishing Inc. • Bell, S. (2005). Elements of Visual Design in the Landscape. Spon Press. • Charles, C. (1989). The New Landscape Urbanization in the Third World. Butterworth Architecture. • Christensen, A. (2005). Dictionary of Landscape Architecture and Construction. McGraw Hill. • Motloch, J. (1991). Introduction to Landscape Design. New York: Van Nostrand Reinhold 			
Course Description:	This course comprises basic knowledge about landscape design with its philosophical and functional concepts, taking into consideration site forces, client needs, environmental solution and relevant codes and regulations.			
Course Content:	An insight into basic elements of drafting: selection and use of instruments, lettering, applied geometry, freehand sketching, orthographic projection, sectioning, dimensioning, isometric and oblique pictorial representation, and fastener symbols.			
	Name	Rank	Office Number and Location	E-mail Address
Instructor:	Arch. Noor Al-Huda Abu Ghunmi	Lecturer	61-412	Nooralhuda.abugunmy@yahoo.com
TA information	Arch. Abeer Nassar			

Course Outlines:

Week	Topic
1	History of Landscape Architecture
2	Landform definition, types, drawing ad influences
3	Plants types, influences, and uses
4	Site analytical studies
5	Elements of Landscape design
6	Landscape design criteria, drawings and details
7	Outdoor functions and furniture
8	Using module in landscape design
9	Types of design organizations
10	Types of gardens
11	Landscape design analytical studies and case studies
12-15	Actual detailed design for a given land

Course Learning Outcomes with reference to NAAB Student Outcomes:

Upon successful completion of this course, student should be able to:

1.	Ability to respond to site characteristics, including urban context and developmental patterning and historical fabric in the development of a project design.	B2a
2.	Ability to respond to site characteristics including soil, topography, and ecology, in the development of a project design.	B2b
3.	Ability to respond to climate, and building orientation, in the development of a project design	B2c
4.	Ability to demonstrate the principles of environmental systems' design, how design criteria can vary by geographic region. This demonstration must include passive heating and cooling, solar geometry, and solar systems.	B6a
5.	Ability to demonstrate the principles of environmental systems' design including daylighting and lighting systems	B6b
6.	Ability to demonstrate the principles of environmental systems' design including natural ventilation and air quality.	B6c

Assessment Guidance:

Evaluation of the student performance during the semester (total final mark) will be conducted according to the following activities:

Sub-Exams: The students will be subjected to two scheduled Drawing exams, first exam and second exam during the semester. Each exam will cover materials given in lectures and Labs in the previous 3-4 weeks.

Quizzes: (7-10) exercises on weekly basis will be given to students during the semester. The materials of the exercises are set by the lecturer.

Homework: One take home exam will be given to student during the semester
Cheating by copying homework from others is strictly forbidden and

punishable by awarding the work with zero mark.

Projects: One comprehensive project will be given to students to do in groups during the last 3 weeks

Final Exam: The students will undergo a scheduled final exam at the end of the semester covering the whole materials taught in the course.

Grading policy:

First Exam	20%
Second Exam	20%
Assignments, Homework and Quizzes	10%
Final Project and seminars	10%
Final Exam	40%
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Total:	100%

Attendance Regulation:

The semester has in total 32 credit hours. Total absence hours from classes and tutorials must not exceed 15% of the total credit hours. Exceeding this limit without a medical or emergency excuse approved by the deanship will prohibit the student from sitting the final exam and a zero mark will be recorded for the course. If the excuse is approved by the deanship the student will be considered withdrawn from the course.